



# Space Day: Prospecting for Knowledge

## 25-Apollo Spacecraft – Teacher Page

**Purpose:** To learn about aspects of the Apollo program and lunar exploration.

**Materials:**

- Apollo spacecraft pattern
- Cardboard paper tube
- Scissors
- Crayons or markers
- Glue

**Background:** There were ten Apollo flights to the moon with six lunar landings. On July 20, 1969, Apollo 11 landed on the moon and Neil Armstrong became the first of twelve Americans to walk on the moon. Each three-man Apollo crew occupied a conical command module about 11.5 feet tall and 13 feet in diameter at the base, where the heat shield would be located. For most of the mission it was docked with a 14 foot long service module, carrying a propulsion motor, fuel cells and other equipment. Together they formed the CSM (Command and service Module), the Apollo mother ship.

**This activity:** Students will construct a simple model of the Apollo spacecraft to learn about one aspect of early lunar exploration. This activity is simple enough that even very young students will not have difficulty.

**Preparation:** Supplies will need to be collected. Bathroom tissue rolls work well for this activity.

**In class:** Each student receives an Apollo pattern and cardboard paper roll to assemble the spacecraft. Glue sticks work best when attaching the pattern to the cardboard roll.

**Extension:** Students can be encouraged to write a story about a lunar adventure.

**Reference:** Young Astronaut Council, The Adventure Series, "Returning to the Moon", 1988.



# Space Day: Prospecting for Knowledge

## 25-Apollo Spacecraft - Student Page

### Materials:

- Apollo spacecraft pattern
- Cardboard paper tube
- Scissors
- Crayons or markers
- Glue

### Procedure:

1. Write your name on the spacecraft.
2. Use crayons or markers to color the spacecraft.
3. Cut out the spacecraft.
4. Wrap the spacecraft around the cardboard tube. Glue the ends together.

What do you know about the Apollo Program?

How many Apollo missions landed on the Moon?

What are some of the things we learned from the Apollo Days?

How long did the Apollo mission take to get to the Moon?

How long did Prospector take to get to the Moon?

Why do you suppose there is a difference?